

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. *(Previously presented)* A method for filling a container with gas comprising:

 inserting an electrically conducting stretched material into the container before inserting gas into the container,

 electrically connecting to an electrical ground and at least one of:

 the electrically conducting stretched material, and

 an area in a vicinity of an outlet opening of a filling pipe for inserting the gas into the container; and

 inserting gas into the container under compression.

2. *(Previously presented)* The method according to claim 1, wherein the stretched material is inserted with a volumetric content of 0.5 to 8.5 percent of the total volume of the container.

3. *(Previously presented)* The method according to claim 1, wherein the stretched material is inserted in the form of separated spherical or cylindrical forms.

4. *(Previously presented)* The method according to claim 1, wherein the stretched material is arranged ascending from a base of the container.

5. *(Previously presented)* The method according to claim 1, wherein the stretched material is uniformly distributed throughout the entire volume of the container.
6. *(Previously presented)* The method according to claim 1, wherein the gas comprises a combustible gas.
7. *(Previously presented)* The method according to claim 1, wherein the gas is injected into the container, and the container has a pressure of at least 200 bar.
8. *(Previously presented)* The method according to claim 1, wherein the container comprises a steel vessel.
9. *(Previously presented)* The method according to claim 1, wherein stretched material of a light metal is used.
10. *(Previously presented)* The method according to claim 9, wherein stretched material of a light metal is selected from aluminum or an aluminum alloy.
11. *(Previously presented)* The method according to claim 1, wherein surface-treated stretched material is used to increase conductivity.

12. (*Previously presented*) The method according to claim 1, wherein stretched material is made of plastic.

13. (*Previously presented*) A method of using an electrically conducting stretched material to compress a gas comprising:

electrically grounding at least one of:

the electrically conducting stretched material, and

an area in a vicinity of an outlet opening of a filling pipe for inserting a gas into a container; and

contacting the electrically conducting stretched material with the gas in the container under a compressed atmosphere.

14. (*Previously presented*) The method of using an electrically conducting stretched material to compress a gas according to claim 13, wherein the stretched material is made of metal comprising aluminum or aluminum alloy .

15. (*Previously presented*) The method of using an electrically conducting stretched material to compress a gas according to claim 13, wherein the gas container is a steel cylinder.

16. (*Currently amended*) A gas container for storing gases under pressures exceeding 50 bar comprising:

an electrically conducting stretched material, and

an electrical ground connection located at least one of:

to the electrically conducting stretched material, and

located in a vicinity of an outlet of a filling pipe within the gas container.

17. *(Previously presented)* The gas container according to claim 16, wherein the stretched material has a volumetric content of 0.5 to 8.5 percent of the total volume of the container.

18. *(Previously presented)* The gas container according to claim 16, wherein the stretched material is in the form of separated spherical or cylindrical forms.

19. *(Previously presented)* The gas container according to claim 16, wherein the stretched material is arranged ascending from a base of the container.

20. *(Previously presented)* The gas container according to claim 16, wherein the stretched material is uniformly distributed throughout the entire volume of the container.

21. *(Previously presented)* The gas container according to claim 16, wherein stretched material is arranged in the area of an opening of the gas container.

22. *(Previously presented)* A gas container for storing gases under pressures exceeding 50 bar comprising an electrically conducting stretched material,

wherein hollow space of the gas container is filled up with at least one electrically conducting filling body made of stretched material and a filling pipe having an outlet opening is provided for filling, wherein the filling pipe leads up to the geometric center of the gas container and a ground connection is connected in the area of an outlet opening.

23. *(Previously presented)* The gas container according to claim 22, wherein the filling pipe projecting into the hollow space contains several smaller outlet openings arranged evenly spaced from each other, in the areas of which respective ground connections are arranged.

24. *(Previously presented)* The gas container according to claim 22, wherein the electrically conducting filling body made of stretched material is arranged in the upper filling area, and wherein the electrically conductive filling body is embodied as a pouch hanging in a sack-like manner and is attached to the underside of the cover as partial filling.

25. *(Previously presented)* The gas container according to claim 22, wherein the electrically conducting filling body is arranged in an upper filling area, and wherein the electrically conductive filling body fills up a cross section of the container in a screen-like manner and corresponds to a height of 1/10 to 1/20 of the container height.

26. *(Previously presented)* The gas container according to claim 22, wherein at least one of the electrically conducting filling bodies are supported in a support ring with a supporting grid attached thereto and comprise replaceable packings.

27. *(Previously presented)* The gas container according to claim 22, wherein the electrically conducting filling body acts as a flame barrier and damps pressure peaks during the filling operation.

28. *(Previously presented)* The method according to claim 2, wherein the stretched material is inserted with a volumetric content of 1.0 to 5.0 percent of the total volume of the container.

29. *(Previously presented)* The gas container according to claim 16, wherein the gas container is configured to store gases under pressures exceeding 200 bar. .

30. *(Previously presented)* The gas container according to claim 17, wherein the stretched material has a volumetric content of 1.0 to 5.0 percent of the total volume of the container.